Refine Search

Search Results -

Term	Documents
NON-PREAMBLE	52
NON-PREAMBLES	0
(NON-PREAMBLE AND 21).PGPB,USPT.	12
(L21 AND NON-PREAMBLE).PGPB,USPT.	12

Database:
US Pre-Grant Publication Full-Text Database
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Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L23

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Sunday, October 21, 2007 **Purge Queries** Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT; PLUR=YES; OP=ADJ			
L23	L21 and non-preamble	12	L23
L22	L21 and non-preamnble	0	L22
L21	Random adj access near channel and preamble	462	L21
L20	l17 and power	14	L20
L19	L18 AND GAIN	6	L19
L18	L17 AND Cdma	8	L18
L17	power near level and non-preamble and preamble	14	L17
L16	L15 and non-preamble	1	L16
L15	L14 and process$ near gain	1	L15
L14	6154486.pn.	1	L14
L13	L12 and process$ adj gain	1	L13

L12	L11 and non-preamble	1	L12
L11	6141373.pn.	1	L11
L10	L9 and non-preamble	1	L10
L9	L8 and processing adj gain	1	L9
L8	L7 and preamble	1	L8
L7	6674787.pn.	1	L7
L6	l5 and CDMA	6	L6
L5	L3 and channel	20	L5
L4	L3 and RACH$	0	L4
L3	L2 and random near access	20	L3
L2	L1 and gain$	29	L2
L1	preamble and non-preamble	52	L1

END OF SEARCH HISTORY

Web Results **1 - 10** of about **123** for **"preamble" "non-preamble" "gain"**. (**0.10** seconds)

Did you mean: "preamble" "***not***-preamble" "gain"

Raising random access channel packet payload - Patent 20040131033
The data packet of claim 1 wherein the **preamble** processing **gain** is a first spreading factor and the **non-preamble** processing **gain** is a second spreading ...
www.freepatentsonline.com/20040131033.html - 27k - Cached - Similar pages

Automatic **gain** control circuit for multilevel duobinary AM/PSK ...
during the **preamble** portion, the **gain** of the amplifier is controlled such that the ... signal including a **preamble** portion and a **non-preamble** portion, ...
www.freepatentsonline.com/5081653.html - 27k - Cached - Similar pages
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Enhanced frequency domain equalization in OFDM communication - US ...
The method of claim 1, further comprising estimating the complex **gain** A for the .... The method of claim 47, wherein the **non-preamble** symbol is carried in a ...
www.patentstorm.us/patents/7099267-claims.html - 37k - Cached - Similar pages

Enhanced frequency domain equalization in OFDM communication - US ...
In this manner, the **gain** is determined based on observation of the amplitudes of **preamble** symbols and a **non-preamble** symbol. The **preamble** symbols may be the ...
www.patentstorm.us/patents/7099267-description.html - 37k - Cached - Similar pages
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Raising random access channel packet payload - Patent Review 6674787
One approach for increasing the processing **gain** is to encode the **preamble** 54 at a higher **gain** than the **non-preamble** packet data. ...
www.wikipatents.com/6674787.html - 120k - Cached - Similar pages

Preamble code structure and detection method and apparatus ...
66, and described previously herein), a change in processing **gain** may result. ..... interfering signals as **non-preamble** signal information--in other words, ...
www.wikipatents.com/6141373.html - 443k - Cached - Similar pages
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OCRed document
The resulting processing **gain** is thus 78. and the Doppler shift 41.7 Hz. .... Then, an estimation of the next **non-preamble** bit values is ...
ieeexplore.ieee.org/iel3/4273/12310/00568462.pdf?arnumber=568462 - Similar pages

Channel Estimation Algorithms For DS/BPSK-CDMA Communications ...
The resulting processing **gain** is thus 78. and the Doppler .... weight the **non-preamble** vectors, the following channel. estimate can ...
ieeexplore.ieee.org/iel3/4273/12310/00568462.pdf?tp=&isnumber=&arnumber=568462 - Similar pages
[More results from ieeexplore.ieee.org]

Expected Power
(because the R-Access Data is fixed at 9.6 kbps); Subtype 2 **Non-Preamble**: R-Access

Data (dBm) = R-Pilot (dBm) + Data Offset 9k6|19k2|38k4 + **Gain** Correction ...
wireless.agilent.com/rfcomms/refdocs/1xevdo/1xevdo_gen_expected_power.php - 43k - Cached - Similar pages

[PPT] MultiBand OFDM Proposal Update - January 2005
File Format: Microsoft Powerpoint - View as HTML
Time Frequency Coding provides frequency diversity **gain** and robustness to interference ...
Robust, **Non-preamble**-based Mechanism. Clear Channel Assessment ...
www.ieee802.org/15/pub/2005/15-05-0081-00-003a-multiband-ofdm-proposal-overview.ppt - Similar pages

Did you mean to search for: "preamble" "***not***-preamble" "gain"

1 2 3 4 5 6 7 **Next**

Results 1 - 7 of about 25 for **"power level" "preamble" "non-preamble"** (About this page)

Options Go to... Help

"power level" "preamble" "non-preamble"

"po... lev... "pr... "non-preaml

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www.wimedia.org/imwp/idms/popups/pop_download.asp?ContentID=6517 (MICROSOFT POWERPOINT)
... are the required distance or **power level** needed to obtain a PER 8 ... Robust, **Non-preamble**-based Mechanism. Clear Channel Assessment. Exploits Moore's Law ...
www.**wimedia.org**/imwp/idms/popups/pop_download.asp?ContentID=6517

Raising random access channel packet payload - Patent 6674787
... controlling the transmission **power level** while the **preamble** data is transmitted ... adjust the UE's transmission power levels, the **non-preamble** data 56 will also be ...
www.**freepatentsonline.com**/6674787.html

Raising random access channel packet payload - Patent Review 6674787
... controlling the transmission **power level** while the **preamble** data is transmitted ... adjust the UE's transmission power levels, the **non-preamble** data 56 will also be ...

Results 1 - 7 of about 25 for **"power level" "preamble" "non-preamble"** (About this page)

Options Go to... Help

"power level" "preamble" "non-preamble"

"po... lev... "pr... "non-preaml

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www.wimedia.org/imwp/idms/popups/pop_download.asp?ContentID=6517 (MICROSOFT POWERPOINT)
... are the required distance or **power level** needed to obtain a PER 8 ... Robust, **Non-preamble**-based Mechanism. Clear Channel Assessment. Exploits Moore's Law ...
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Raising random access channel packet payload - Patent 6674787
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www.**freepatentsonline.com**/6674787.html

Raising random access channel packet payload - Patent Review 6674787
... controlling the transmission **power level** while the **preamble** data is transmitted ... adjust the UE's transmission power levels, the **non-preamble** data 56 will also be ...

Terms used: **processing gain preamble non preamble** Found **8** of **212,795**

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Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 8 of 8

Relevance scale

1 Understanding and mitigating the impact of RF interference on 802.11 networks

Ramakrishna Gummadi, David Wetherall, Ben Greenstein, Srinivasan Seshan
August 2007 **ACM SIGCOMM Computer Communication Review , Proceedings of the 2007 conference on Applications, technologies, architectures, and protocols for computer communications SIGCOMM '07**, Volume 37 Issue 4
Publisher: ACM Press
Full text available: pdf(573.33 KB) Additional Information: full citation, abstract, references, index terms

We study the impact on 802.11 networks of RF interference from devices such as Zigbee and cordless phones that increasingly crowd the 2.4GHz ISM band, and from devices such as wireless camera jammers and non-compliant 802.11 devices that seek to disrupt 802.11 operation. Our experiments show that commodity 802.11 equipment is surprisingly vulnerable to certain patterns of weak or narrow-band interference. This enables us to disrupt a link with an interfering signal whose power is 1000 times w ...

Keywords: 802.11, RF interference, SINR, channel hopping, jamming

2 Models and measures: An analytical model of rate-adaptive wireless LAN and its simulative verification

Carsten Burmeister, Ulrich Killat, Jens Bachmann
September 2005 **Proceedings of the 3rd ACM international workshop on Wireless mobile applications and services on WLAN hotspots WMASH '05**
Publisher: ACM Press
Full text available: pdf(217.77 KB) Additional Information: full citation, abstract, references, index terms

We develop an analytical model of rate adaptive Wireless LAN and downlink traffic flows to randomly located users in the range of an access point. We first calculate the service time distribution of packets being served by the access point. Then, we show that the location of each user determines the throughput that all other users may achieve. Finally we verify our findings with simulations.

Keywords: performance evaluation, queueing model, wireless-LAN

3 Interference in wireless multi-hop ad-hoc networks and its effect on network capacity

Ramin Hekmat, Piet Van Mieghem
July 2004 **Wireless Networks**, Volume 10 Issue 4

Publisher: Kluwer Academic Publishers

Full text available: pdf(552.50 KB) Additional Information: full citation, abstract, references, citings, index terms

In this paper we propose a new model to calculate interference levels in wireless multi-hop ad-hoc networks. This model computes the expected value of Carrier to Interference ratio *(C/I)* by taking into account the number of nodes, density of nodes, radio propagation aspects, multi-hop characteristics of the network, and the amount of relay traffic. The expected values of *C/I* are used to determine network capacity and data throughput per node. Our model uses a regular lattice for po ...

Keywords: ad-hoc networks, analytical methods, interference, modelling, sensor networks, throughput

4 Posters: Reconfigurable acoustic modem for underwater sensor networks

Ethem Mutlu Sözer, Milica Stojanovic

September 2006 **Proceedings of the 1st ACM international workshop on Underwater networks WUWNet '06**

Publisher: ACM Press

Full text available: pdf(316.60 KB) Additional Information: full citation, abstract, references, index terms

There is a growing interest for underwater sensor networks where long term monitoring of water masses around the world for scientific, environmental, commercial, and military reasons is desired. In this paper we will present the concept of a highly flexible acoustic modem called the Reconfigurable Modem (rModem) that can be used for rapid testing and development of such networks.

Keywords: acoustic, experiment, network, rapid prototyping, rmodem, underwater

5 The multics system: an examination of its structure

Elliott I. Organick

January 1972 Book

Publisher: MIT Press

Additional Information: full citation, abstract, references, cited by, index terms

This volume provides an overview of the Multics system developed at M.I.T.--a time-shared, general purpose utility like system with third-generation software. The advantage that this new system has over its predecessors lies in its expanded capacity to manipulate and file information on several levels and to police and control access to data in its various files. On the invitation of M.I.T.'s Project MAC, Elliott Organick developed over a period of years an explanation of the workings, concep ...

6 Energy efficient broadcast in wireless ad hoc networks with hitch-hiking

Manish Agarwal, Lixin Gao, Joon Ho Cho, Jie Wu

December 2005 **Mobile Networks and Applications**, Volume 10 Issue 6

Publisher: Kluwer Academic Publishers

Full text available: pdf(2.13 MB) Additional Information: full citation, abstract, references, index terms

In this paper, we propose a novel concept called Hitch-hiking in order to reduce the energy consumption of broadcast application for wireless networks. Hitch-hiking takes advantage of the physical layer design that facilitates the combining of partial signals to obtain the complete information. The concept of combining partial signals using maximal ratio combiner [15] has been used to improve the reliability of the communication link but has never been exploited to reduce energy consumption in b ...

Keywords: broadcast algorithms, distributed algorithms, maximal ratio combiner, simulations, wireless ad hoc networks

7 An overview of the centre for telecommunications research at King's College, London, England

Hamid Aghwami, Dilshan Weerakoon

April 2000 **ACM SIGMOBILE Mobile Computing and Communications Review**, Volume 4 Issue 2

Publisher: ACM Press

Full text available: pdf(506.45 KB) Additional Information: full citation, index terms

8 Media access control: X-MAC: a short preamble MAC protocol for duty-cycled wireless sensor networks

Michael Buettner, Gary V. Yee, Eric Anderson, Richard Han

October 2006 **Proceedings of the 4th international conference on Embedded networked sensor systems SenSys '06**

Publisher: ACM Press

Full text available: pdf(465.88 KB) Additional Information: full citation, abstract, references, index terms

In this paper we present X-MAC, a low power MAC protocol for wireless sensor networks (WSNs). Standard MAC protocols developed for duty-cycled WSNs such as BMAC, which is the default MAC protocol for TinyOS, employ an extended preamble and preamble sampling. While this "low power listening" approach is simple, asynchronous, and energy-efficient, the long preamble introduces excess latency at each hop, is suboptimal in terms of energy consumption, and suffers from excess energy consumption at non ...

Keywords: energy efficient operation, media access protocols

Results 1 - 8 of 8